

2613

FEB 06 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Shum et al.

Art Unit: 2613

Application No. 09/338,176

Filed: June 22, 1999

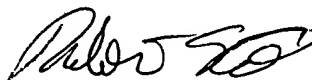
For: METHOD AND APPARATUS FOR
RECOVERING A THREE-DIMENSIONAL
SCENE FROM TWO-DIMENSIONAL
IMAGES

Examiner: Allen C. Wong

Date: January 30, 2003

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on January 30, 2003 as First Class Mail in an envelope addressed to: BOX NON-FEE AMENDMENT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.



Robert F. Scotti, Attorney for Applicant

TRANSMITTAL LETTER

BOX NON-FEE AMENDMENT
COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

RECEIVED

FEB 10 2003

Technology Center 2600

Enclosed is an Amendment for the above application. The fee has been calculated as shown below.

CLAIMS AS AMENDED

For	No. after amendment	No. paid for previously	Present Extra	Rate	Fee
Total Claims	37	- 37*	= 0	\$18.00	\$ 0.00
Indep. Claims	6	6**	= 0	\$84.00	\$ 0.00
Mult. Dep. Claims Fee (if not previously paid)				\$280.00	
One-month Extension of Time				\$110.00	
Two-month Extension of Time				\$410.00	
Three-month Extension of Time				\$930.00	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

* greater of twenty or number for which fee has been paid.

** greater of three or number for which fee has been paid.

☒ No additional fee is required.

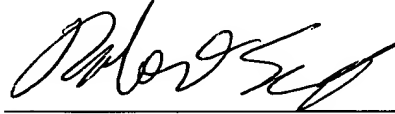
☒ Please charge any additional fees that may be required in connection with filing this amendment and any extension of time, or credit any overpayment, to Deposit Account No. 02-4550. A copy of this sheet is enclosed.

- ☒ A Marked-up Version of Amended Claims Pursuant to 37 C.F.R. §§ 1.121(b)-(c) is attached.
- ☒ Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By



Robert F. Scotti
Registration No. 39,830

One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204
Telephone: (503) 226-7391
Facsimile: (503) 228-9446
cc: Client (MS #127696.1)
Docketing



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

8/A
BA 2/13/03

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FIRST AMENDMENT

With reference to the Office Action dated November 4, 2002, Applicants respectfully request reconsideration of the subject application in view of the following amendments and remarks. Claims 1-37 remain pending in the application.

Please amend the application as follows:

In the claims:

Please amend claim 23 as follows:

23. (Amended) A method of recovering a three-dimensional scene from a sequence of two-dimensional frames, comprising:

- (a) segmenting the sequence of two-dimensional frames;
- (b) identifying feature points in at least a first base frame in a first segment;
- (c) analyzing a second frame in the segment to identify the feature points in the second frame;
- (d) determining whether a threshold number of feature points from the base frame are identified in the second frame;

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